

CLAIMS

1. A surface acoustic wave (SAW) filter comprising:

a first SAW resonator;

5 a second SAW resonator connected in series to the first SAW resonator at a first node;

a third SAW resonator connected in series to the second SAW resonator at a second node;

a fourth SAW resonator connected in series to the third SAW resonator at a third node;

10 a fifth SAW resonator connected between the first node and a ground;

a sixth SAW resonator connected between the third node and a ground; and

15 a first capacitance element having a capacitance and connected between the second node and a ground.

2. The SAW filter of claim 1 further comprising a second capacitance element having a capacitance and connected between the first node and a ground.

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3. The SAW filter of claim 2 further comprising: a third capacitance element having a capacitance and connected between the third node and a ground.

25 4. The SAW filter of claim 1 further comprising a piezoelectric board having the first to sixth SAW resonators provided thereon, wherein the first capacitance element including

a first electrode extending from the second node and provided on the piezoelectric board, and

a second electrode extending from the ground and provided on the piezoelectric board, the second electrode facing the first electrode.

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5. The SAW filter of claim 4, wherein the first electrode and the second electrode have toothed portions facing each other, respectively.

6. The SAW filter of claim 5, wherein the first electrode and the second
10 electrode comprise interdigital electrodes.

7. A device comprising:

said SAW filter of any one of claims 1 to 6; and
an element connected to the SAW filter.